

ABSTRACT OF THE DISCLOSURE

Evaporation and condensation of carbon is effected by arc discharge between an anode formed of a carbon electrode and a cathode disposed facing the carbon electrode 2 in an inert gas atmosphere, and at the same time, the generated carbon nanotubes are dispersed into an inert gas and transported along with the inert gas through a transporting tube, and a jet of the inert gas containing the carbon nanotubes is emitted from a nozzle, thereby forming carbon nanotubes on a target substrate. This provides a carbon nanotube manufacturing method wherein carbon nanotubes are generated with a simple process, and the CNT patterning process is simplified by forming a carbon nanotube film on a substrate, thereby reducing costs.